Info-Hams Digest   Sat, 4 Sep 93   Volume 93 : Issue 1046

Today's Topics:
                    AMIGA/RTTY AND BAYCOM QUESTIONS
               AMIGA AND BAYCOM MODEM QUESTIONS (3 msgs)
                    Any interest in a DSP conference?
        Contents of the ARRL 12th Digital Conference Proceedings
        Daily Solar Geophysical Data Broadcast for 03 September
          Daily Solar Geophysical Data Broadcast for 29 August
          Daily Solar Geophysical Data Broadcast for 30 August
          Daily Solar Geophysical Data Broadcast for 31 August
              It's been almost 8 weeks - should I call?
                          Morse Academy
                      Non-licensed Purchase Of
   Opinions on Alinco DR-600T (and fitting it in Toyota/Lexus dash)
                      Request for Indirect Elmer
                            TH28 mods
                          W9GR DSP KIT ??

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 3 Sep 1993 13:19:25 +0200
From: news.univie.ac.@!blekul11!pbj@uunet.uu.net
Subject: AMIGA/RTTY AND BAYCOM QUESTIONS
To: info-hams@ucsd.edu

Hello

Is it possible to use a Baycom compatible modem with the Amiga Computer ?

Is it possible to use a BBS sytems developped for the Baycom modem on an
Amiga ?
Is it possible to run NOS like program and a Baycom modem on Amiga ?
where can I get the drivers to drive a Baycom modem on an Amiga ?

Thanks a lot.

Beaujeant Pascal
F.U.N.D.P.
Centre de Calcul
21, rue GrandGagnage
5000 Namur Belgium
++32 81 725013

Date: 3 Sep 93 19:43:03 GMT
From: news.univie.ac.@!blekul11!pbj@uunet.uu.net
Subject: AMIGA AND BAYCOM MODEM QUESTIONS
To: info-hams@ucsd.edu

 Hello

Is it possible to use a Baycom compatible modem with the Amiga Computer ?
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Amiga ?
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where can I get the drivers to drive a Baycom modem on an Amiga ?

Thanks a lot.

Pascal.

Date: Fri, 3 Sep 1993 17:23:59 +0200
From: news.univie.ac.@!blekul11!pbj@uunet.uu.net
Subject: AMIGA AND BAYCOM MODEM QUESTIONS
To: info-hams@ucsd.edu

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Thanks a lot.

Beaujeant Pascal
F.U.N.D.P.
Centre de Calcul
21, rue GrandGagnage
5000 Namur Belgium

Date: Fri, 3 Sep 1993 13:13:24 +0200
From: news.univie.ac.@!blekul11!pbj@uunet.uu.net
Subject: AMIGA AND BAYCOM MODEM QUESTIONS
To: info-hams@ucsd.edu

Hello

Is it possible to use a Baycom compatible modem with the Amiga Computer ?
Is it possible to use a BBS sytems developped for the Baycom modem.
Is it possible to run NOS like program and a Baycom modem ?
where can I get the drivers to drive a Baycom modem on an Amiga ?

Beaujeant Pascal
F.U.N.D.P.
Centre de Calcul
21, rue GrandGagnage
5000 Namur Belgium
++32 81 725013

Date: 3 Sep 93 15:45:02 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Any interest in a DSP conference?
To: info-hams@ucsd.edu

     Some of us here at ARRL HQ have been discussing the idea of
putting together a conference, probably for next year, on digital
signal processing in Amateur Radio. This would be along the
lines of the ARRL Digital Conference (nee Computer Networking
Conference), but focussing on applications of DSP to ham radio.
     I've little doubt that we could get people to attend a
conference like that, but I'm not sure whether we could get
people to submit papers for it. There's not much point in having
a conference unless you have presentations! Since many of the
possible DSP applications apply to digital communications, there
may be some cross-over between the existing Digital Communications

Conference and the proposed DSP conference, too.
      So, I'm sounding the waters... are there folks out there who
would be interested in submitting papers for such a conference?
And are there any Amateur Radio organizations (clubs, etc) that
would be interesting in hosting same? Or is this a dumb idea?
Please let me know if you are interested.

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League |
225 Main St., Newington CT 06111 |

Date: 3 Sep 93 16:04:31 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Contents of the ARRL 12th Digital Conference Proceedings
To: info-hams@ucsd.edu

(Note: the Digital Communications Conference, formerly called the
Computer Networking Conference, will be held on Sept. 11 in Tampa, FL.)

List of papers, 12th ARRL Digital Communications Conference

"Using Airborne Digital Repeaters in Emergency Communications,"
      by Gary Arnold, WB2WPA
"A Prototype TNC-3 Design Approach, " by Bill Beech, NJ7P, Doug
      Nielsen, N7LEM, and Jack Taylor, N7OO
"DSP Implementation of 300- and 1200-Baud FSK Packet
      Demodulators," by Jon Bloom, KE3Z
"The ARDS Project," by Roy V. Ekbert, W0LIQ, and Martin R.
      Schroedel, K9LTL
"Usage of TCP/IP Over ROSE in the Tampa Bay Area," by Chuck Hast,
      KP4DJT/TI3DJT
"Unique Identification Signals for CCIR 625," by Michael J.
      Huslig
"Network Information Services," by Brian A. Lantz, KO4KS
"Networking ANSI Color Graphics," by Brian A. Lantz, KO4KS
"Interfacing Between ROSE and TCP/IP," by Thomas A. Moulton, W2VY
"Packet Radio in Disaster Situations," by Robert Osband, N4SCY
"The HUB 5/29 IP Routing Experiment," by Paul Overton, G0MHD, and
      Ian Wade, G3NRW
"A Low Cost Transceiver for 19.2 kb/s FSK Transmission in the 23
      cm Band," by Wolf-Henning Rech, N1EOW/DF9IC
"Low Cost Entry Into Packet Radio Using BayCom," by Christopher
      C. Rendenna, KB2BBW
"Improved TNC Interconnections," by Donald A. Rotolo, N2IRZ
"Packet Tracker--A Graphical Packet Tracking Program," by Mark
      Sproul, KB2ICI

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"Mail Tracker--A Graphical Mail Tracking Program," Keith Sproul,
     WU2Z
"The Client/Server Bulletin Board System (csbbs)," by Jim Van
     Peursem, KE0PH, and Bob Arasmith, N0ARY
"RMAILER: The Next Generation," by Frank Warren, Jr., KB4CYC
"SoftWire," by Aaron Wohl, N3LIW
------
Jon Bloom, KE3Z                    | jbloom@arrl.org
American Radio Relay League        |
225 Main St., Newington CT 06111   |

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Date: 4 Sep 93 03:46:38 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 03 September
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 246, 09/03/93
10.7 FLUX=079.6  90-AVG=098        SSN=036      BKI=4445 4435  BAI=030
BGND-XRAY=A2.8    FLU1=3.5E+05  FLU10=1.4E+04  PKI=3355 5445  PAI=034
  BOU-DEV=047,049,065,103,057,042,036,074   DEV-AVG=059 NT     SWF=00:000
 XRAY-MAX= A5.2   @ 2116UT    XRAY-MIN= A1.4   @ 2348UT   XRAY-AVG= A3.5
NEUTN-MAX= +002%  @ 0440UT    NEUTN-MIN= -003%  @ 2220UT   NEUTN-AVG= -0.2%
  PCA-MAX= +0.1DB @ 1835UT     PCA-MIN= -0.7DB @ 1440UT    PCA-AVG= -0.0DB
BOUTF-MAX=55369NT @ 2301UT   BOUTF-MIN=55309NT @ 1733UT   BOUTF-AVG=55351NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT   G7-AVG=+066,+000,+000
GOES6-MAX=P:+136NT@ 1709UT    GOES6-MIN=N:-102NT@ 0958UT   G6-AVG=+084,+020,-052
 FLUXFCST=STD:080,080,085;SESC:080,080,085 BAI/PAI-FCST=010,010,010/018,013,010
    KFCST=3345 3111 2123 3111  27DAY-AP=018,010   27DAY-KP=3444 3223 2343 2222
 WARNINGS=
   ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 02 SEP 93 was  81.0.
      The Full Kp Indices for 02 SEP 93 are: 1+ 1- 1- 2-   2+ 2o 2+ 1o

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Date: 4 Sep 93 01:20:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 29 August
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 241, 08/29/93
10.7 FLUX=090    90-AVG=101        SSN=064      BKI=3332 2212  BAI=009
BGND-XRAY=A7.1    FLU1=1.6E+05  FLU10=1.3E+04  PKI=3332 2223  PAI=010
  BOU-DEV=021,027,028,010,017,010,005,019   DEV-AVG=017 NT     SWF=00:000
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   XRAY-MAX= B1.7   @ 0946UT    XRAY-MIN= A5.0   @ 0721UT   XRAY-AVG= A8.6
 NEUTN-MAX= +002%  @ 2315UT   NEUTN-MIN= -002%  @ 2200UT  NEUTN-AVG= -0.0%
   PCA-MAX= +0.1DB @ 1415UT     PCA-MIN= -0.2DB @ 2335UT    PCA-AVG= -0.0DB
 BOUTF-MAX=55373NT @ 1419UT   BOUTF-MIN=55342NT @ 1717UT  BOUTF-AVG=55359NT
 GOES7-MAX=P:+000NT@ 0000UT   GOES7-MIN=N:+000NT@ 0000UT   G7-AVG=+072,+000,+000
 GOES6-MAX=P:+110NT@ 1502UT   GOES6-MIN=N:-078NT@ 0028UT   G6-AVG=+090,+012,-053
  FLUXFCST=STD:090,085,085;SESC:090,085,085 BAI/PAI-FCST=010,015,015/015,020,025
     KFCST=2234 4332 2234 5444  27DAY-AP=006,004   27DAY-KP=3121 1222 1101 1222
  WARNINGS=
    ALERTS=
 !!END-DATA!!

 NOTE: The Effective Sunspot Number for 28 AUG 93 was  67.0.
        The Full Kp Indices for 28 AUG 93 are not available.

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 Date: 4 Sep 93 02:26:18 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: Daily Solar Geophysical Data Broadcast for 30 August
 To: info-hams@ucsd.edu

 !!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 242, 08/30/93
 10.7 FLUX=089.0  90-AVG=100        SSN=059      BKI=1221 0002  BAI=003
 BGND-XRAY=A8.1     FLU1=2.5E+05  FLU10=1.7E+04  PKI=2231 1212  PAI=006
   BOU-DEV=008,011,017,007,004,002,003,015   DEV-AVG=008 NT     SWF=00:000
  XRAY-MAX= B1.8   @ 2359UT    XRAY-MIN= A5.2   @ 0717UT   XRAY-AVG= A9.1
 NEUTN-MAX= +002%  @ 1610UT   NEUTN-MIN= -002%  @ 2035UT  NEUTN-AVG= -0.1%
   PCA-MAX= +0.1DB @ 1405UT     PCA-MIN= -0.3DB @ 2215UT    PCA-AVG= -0.0DB
 BOUTF-MAX=55373NT @ 2319UT   BOUTF-MIN=55339NT @ 1634UT  BOUTF-AVG=55359NT
 GOES7-MAX=P:+000NT@ 0000UT   GOES7-MIN=N:+000NT@ 0000UT   G7-AVG=+081,+000,+000
 GOES6-MAX=P:+115NT@ 0529UT   GOES6-MIN=N:-066NT@ 1738UT   G6-AVG=+097,+011,-046
  FLUXFCST=STD:085,085,080;SESC:085,085,080 BAI/PAI-FCST=015,015,015/020,025,025
     KFCST=2234 5322 2244 5222  27DAY-AP=004,016   27DAY-KP=1101 1222 2233 4434
  WARNINGS=
    ALERTS=
 !!END-DATA!!

 NOTE: The Effective Sunspot Number for 29 AUG 93 was  58.0.
        The Full Kp Indices for 29 AUG 93 are: 3o 3- 3o 2o   2+ 2- 2- 3-

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 Date: 4 Sep 93 03:07:45 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: Daily Solar Geophysical Data Broadcast for 31 August
 To: info-hams@ucsd.edu
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!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 243, 08/31/93
10.7 FLUX=089.0  90-AVG=100          SSN=050       BKI=1110 0002  BAI=002
BGND-XRAY=A9.4     FLU1=4.2E+05  FLU10=1.2E+04  PKI=2111 2112  PAI=004
  BOU-DEV=009,007,005,003,003,004,004,010   DEV-AVG=005 NT     SWF=00:000
 XRAY-MAX= B3.2   @ 1237UT    XRAY-MIN= A7.3   @ 0750UT   XRAY-AVG= B1.2
NEUTN-MAX= +002%  @ 1815UT    NEUTN-MIN= -002%  @ 2235UT  NEUTN-AVG= -0.1%
  PCA-MAX= +0.1DB @ 1745UT     PCA-MIN= -0.2DB @ 2245UT    PCA-AVG= -0.0DB
BOUTF-MAX=55369NT @ 1318UT    BOUTF-MIN=55334NT @ 1659UT  BOUTF-AVG=55357NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT  G7-AVG=+088,+000,+000
GOES6-MAX=P:+122NT@ 0530UT    GOES6-MIN=N:-061NT@ 1805UT  G6-AVG=+103,+011,-043
 FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=015,015,015/015,025,015
    KFCST=2244 5222 2244 5222  27DAY-AP=016,024   27DAY-KP=2233 4434 5544 3232
 WARNINGS=
   ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 30 AUG 93 was  53.0.
      The Full Kp Indices for 30 AUG 93 are: 2- 2- 3- 1o   1+ 2o 1+ 2+


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drenze@icaen.uiowa.edu (Douglas J Renze) writes:
  ....
: you call the FCC, then you're just taking up the time of the people who pro-
: cess the 610's. If rumor is true that they only do it on Tuesdays, then the
: time the processor spends looking for your file and talking to you probably
: would mean that at least 2-3 people will have to wait *another* week to get
: *their* ticket...which means they'll call, and another 6-9 people will have
: to wait at least another week for *their* tickets...and sooner or later,
: nobody's getting their tickets on time because the nice lady who processes
: the 610's is always answering the phone and doesn't have time to do any
: processing....and amateur radio as we know it is over with because you
: called the FCC to inquire about the status of *your* ticket!
:
: Pretty big load of guilt to bear, eh? ;-)
:
: Peace es 73 de Doug N0Y??

If you must call .. do it on Wednesday. Please not on Tuesday :)

She may have typed the form and will be able to tell you that the licence
is going out on Thursday. If she hasn't typed the form into the computer,

I don't think she can give you an answer.

We are waiting for the first KE6A** to check into our repeater..any day now.

--
Bob Wilkins   n6fri   voice 440.250+ 100pl san francisco bay area
bwilkins@holonet.net   packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: 3 Sep 1993 17:39:28 -0400
From: news!clarknet.clark.net!clarknet.clark.net!postmaster@uunet.uu.net
Subject: Morse Academy
To: info-hams@ucsd.edu

Greetings all,

   After all the philosophical discussion on code, my appetite is now
whetted to begin learning. One individual, whose message I did not keep
mentioned a pc program called Morse Academy for converting/playing back
ascii text to Morse Code. Would any kind soul point me to sources for
this package, i.e. an ftp site if it is available as such or a shareware
distributor, or even the author/distributor if it is not free/shareware??

Thanks much in advance.

(soon to be technician, et al.)

John A. Evans, Capt, USAF   "My number one goal as a
VHDL/EDA Engineer   runner is to live long enough
Ft Meade, MD 20755-2604   to place in my age group!!!"

jaevans@clark.net   Linux - the OS of choice !!

Once data encryption is outlawed, only outlaws will have data encryption !!!

Date: Fri, 03 Sep 1993 12:28:00 -0500
From: blkcat!news@uunet.uu.net
Subject: Non-licensed Purchase Of
To: info-hams@ucsd.edu

TB>On a somewhat related note, I was told by a Radio Shack manager that they
TB>are instructed to refuse to sell you a scanner if you ask or say anything

TB>about monitoring cellular. Why are they so cautious about that and yet
TB>sell amateur, marine and itinerant/GMRS tranceivers without even
TB>mentioning licenses...

I worked at a 'Shack as a seasonal salesperson a few Decembers ago.

They have a strict policy of not selling equipment when the customer
indicates an intention to use it for illegal activity.

One example they gave during training was this:

If a customer comes in and buys an automatic telephone to tape recorder
coupler, they just sell it. But, if the customer says he wants to
record his wife's phone calls without her knowing about it, they must
refuse to sell the device.

Another example was given with their (at that time, new) marine
handheld. If someone came in and said they were going to use it for
something other than maritime use, they have to refuse the sale.

They were very clear about this, and the consequence is termination of
employment. I'm sure the same would apply to amateur and business radio
products as well.

But, there salesmakers are paid by commission, and it would not
surprise me if this policy is violated from time to time.

Jack
***
 * SLMR 2.1a *

Date: Thu, 2 Sep 1993 19:56:31 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!spool.mu.edu!nigel.msen.com!
well!moon!pixar!mongo!bruce@network.ucsd.edu
Subject: Opinions on Alinco DR-600T (and fitting it in Toyota/Lexus dash)
To: info-hams@ucsd.edu

I have a DR-600t, and am really happy with it.

The only two mis-features I can find are that the front panel isn't made to
pop out and go in your pocket when you leave the car, the way my car stereo
front panel does, and that the remote command that switches the transmitter
power cycles between three power settings without telling you which power
setting it is on unless you can see the front panel.

I use this rig as an "extender" for my HT. It works very well in that application.

You can enable and disable cross-band-repeat remotely, change
frequencies, program memories, etc. It's nice to be able to keep my DJ-580t
at low power and have the rig in the car repeat it at high power.

I am using the remote-mount for the front panel, with the rest of the rig
in the trunk. I have a Toyota Camry. My Camry had a black plastic panel
about the size of the DR600 front panel to the left of the steering wheel.
That panel contained the dashboard light dimmer, a coin holder, and two
covers over blank switch holes. I relocated the dashboard light dimmer to
another blank panel in the dashboard nearby, which did not take any rewiring,
only some plastic work with my dremel grinding bits. I then popped out the
black panel and squeezed the DR600 front panel in there. It's so tight that it
stays there securely without fasteners, and it looks as if it is built into the
dashboard. It's also difficult to see from outside the car, but very convenient
for the driver to operate.

    Bruce Perens KD6OTD/AA

Date: 3 Sep 1993 19:46:42 -0400
From: news!clarknet.clark.net!clarknet.clark.net!postmaster@uunet.uu.net
Subject: Request for Indirect Elmer
To: info-hams@ucsd.edu

Greetings,

  I am helping my nephew get his Ham radio license (Novice/technician) but
it is a bit more difficult being a long days drive apart from him. If
there is some kind Elmer living on the westside of Columbus, OH who could
contact me with info, I could get him in touch with you so that he can
actually beat me getting the license. Here is some important info to help
you decide:

    Age: 13
    Zip Code 43204   (Hilltop area)
    Columbus, Ohio

  Get in touch with me if you are able to provide a bit of time and
support for him and for an uncle who cares to follow up on the spark of
interest I saw when this young man visited me last month and saw his first
ham fest (can you believe he didn't know what ham radio was !!! :-)

Much appreciated in advance.

John A. Evans, Capt, USAF   "My number one goal as a
VHDL/EDA Engineer   runner is to live long enough

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Ft Meade, MD 20755-2604                          to place in my age group!!!"

jaevans@clark.net                                Linux - the OS of choice !!
--------------------------------------------------------------------------------
Once data encryption is outlawed, only outlaws will have data encryption !!!
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Date: Thu, 2 Sep 1993 20:37:55 GMT
From: dog.ee.lbl.gov!agate!spool.mu.edu!sdd.hp.com!col.hp.com!fc.hp.com!
goris@network.ucsd.edu
Subject: TH28 mods
To: info-hams@ucsd.edu

A friend of mine just got a TH28, and I was wondering if someone could
repost, or e-mail me the mods and/or funny buttons to push to get
extra features, like AM receive (it does have this, doesn't it?)

Thanks,
Andy Goris
AA0CM
goris@fc.hp.com

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Date: 3 Sep 1993 23:32:29 -0400
From: swrinde!gatech!howland.reston.ans.net!noc.near.net!news.delphi.com!
news.delphi.com!not-for-mail@network.ucsd.edu
Subject: W9GR DSP KIT ??
To: info-hams@ucsd.edu

depaul@spk.hp.com (Marc DePaul) writes:
>ANYONE OUT THERE WHO HAS A REMEDY FOR THE PROBLEM I'M DECSRIBING??
>Marc DePaul

Marc, DSP theory suggests that a serious CW operator will not be satisfied
with the available 50 db dynamic range from an 8-bit A/D. Timewave has
vastly superior hardware with a 16-bit sigma-delat A/D...KG7BK

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Date: 3 Sep 93 20:01:11 GMT
From: usc!howland.reston.ans.net!noc.near.net!transfer.stratus.com!jjmhome!
schunix!ksr@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Sep2.141156.23714@jupiter.sun.csd.unb.ca>, <31597@ksr.com>,
```

<265790$is2@elroy.jpl.nasa.gov>ksr
Subject : Re: Non-licensed purchase of radio

In article <265790$is2@elroy.jpl.nasa.gov> Lang@inst-sun1.jpl.nasa.gov (M Lang)
writes:
>In article <CCoADI.GwD@pica.army.mil> Mark Ellis,
>mellis@ramcad.pica.army.mil writes:
>> My question is: If I walk into Radio Shack, put money down, and say:
>>   "Gimme dat HT-202, and I'll give you this money", can
>>   (would) they ask to see a license before selling it to me?
>
>No, NOBODY can ask to see a license before selling a radio to you,
>because no law requires that.
>
> ML

Well, not exactly. Nobody is REQUIRED to ask to see a license before selling
a radio (or a car, or an airplane, or a number of other things which
require a license to operate), but the store CAN (and many stores do) ask for
anything they damn well please before selling to you, as long as what they ask
for doesn't discriminate on the basis of one of the "protected characteristics"
such as race or gender.
Ks

Date: Fri, 3 Sep 1993 15:18:40 GMT
From: news.crd.ge.com!dssv01!kennykb@uunet.uu.net
To: info-hams@ucsd.edu

References <CCLvL8.9x9@world.std.com>, <1993Aug31.223010.23293@ica.philips.nl>,
<1993Sep2.054040.28789@ke4zv.atl.ga.us>~*
Reply-To : kennykb@crd.ge.com
Subject : Re: There goes the rest of 20M

In article <1993Sep2.054040.28789@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary
Coffman) writes:
|> No because the commercial manufacturers froze the technology too early
|> by including Bell 202 modems in their TNC products. It's a sad fact that
|> most amateurs just buy a box and use it. However, now that 9600 baud
|> add on modems are available commercially, I've seen a marked increase
|> in 9600 baud activity. Unfortunately, the hams are still using their
|> existing FM rigs instead of multimodes though, so the spectrum isn't
|> being conserved effectively.
|>
|> HF *is* different. The hams already have the SSB radios, and many of
|> the HF forwarding stations seem to have jumped on the Clover bandwagon.

|> But the PK-232s and KAMs still outnumber the superior equipment. That
|> should change in time as the manufacturers begin to catch up with the
|> state of the art. No doubt though someone will still be banging on a
|> C64 with a digicom adapter in 20 years.

In a way, then, the advent of DSP could be the salvation of these
modes. In a DSP world, if someone comes up with a nifty new
modulation scheme, you get new software and you're on your way.

One of these days, I wanna try building a digital SSB system. Use a
low IF (say 70 KHz or so), with either phasing or Weaver modulation
and detection in DSP software. I'm particularly intrigued by the
Weaver method, because it requires `brick wall' filtering at AF,
control of both phase and group delay, but only very limited bandwidth
-- seems that even a slow DSP processor could do it. Anyone done this
one yet?

73 de ke9tv/2, Kevin KENNY GE Corporate R&D, Niskayuna, New York, USA
     GCS/E d++ -p+ c++ l m* s+/+ g++ w+ t r x+

End of Info-Hams Digest V93 #1046
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